

What is claimed is:

1. The use of polyolefin waxes synthesized using metallocene catalysts as an additive in powdercoating materials, where the polyolefin wax has a dropping point of from 70 to 165°C, a melt viscosity at 140°C of from 10 to 10 000 mPa·s, a density of from 0.85 to 0.98 g/cm³ and a molecular weight distribution, expressed as M_w/M_n , of less than 5 and wherein the polyolefin waxes are present in a blend with one or more auxiliaries and additives selected from the group consisting of
 - 10 a) polyethylene glycol
 - b) PE waxes,
 - c) PTFE waxes,
 - d) PP waxes,
 - e) amide waxes,
 - 15 f) FT paraffins,
 - g) montan waxes,
 - h) natural waxes,
 - i) macrocrystalline and microcrystalline paraffins,
 - j) polar polyolefin waxes,
 - 20 k) sorbitan esters
 - l) polyamides,
 - m) polyolefins,
 - n) PTFE,
 - o) wetting agents or
 - 25 p) silicatesin a polyolefin wax: auxiliary and additive weight ratio such as 1:50 to 50:1 expressed in % by weight
2. The use as claimed in claim 1, wherein the polyolefin wax is derived from olefins having 3 to 6 carbon atoms or from styrene.
3. The use as claimed in claim 1 or 2, wherein the polyolefin waxes have been given a polar modification.
- 35 4. The use as claimed in one or more of claims 1 to 3, wherein polyolefin wax and where appropriate the admixed auxiliaries and additives

are in the form of an ultrafine powder having a particle size distribution $d_{90} < 40 \mu\text{m}$.

5. A process for preparing powdercoating materials from binders, pigments and fillers and also customary auxiliaries, which comprises adding an additive as set forth in one or more of claims 1 to 4.